

CLAIMS

Having thus described our invention, what we claim as new,
and desire to secure by Letters Patent is:

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SUB A6

1. An object type-declaration syntax comprising:
an object identifier;
an object type indicator indicating a type of an
object identified by the object identifier; and
10 a join attribute associating the object identifier
with the object type indicator.

2. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator is embedded as
15 part of the object identifier.

3. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
database object type.

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4. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes SQL
("SQL") database object type.

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5. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
connection ("CONN") database object type.

6. The object type-declaration syntax as claimed in
30 claim 1, wherein the object type indicator includes cursor
("CURSOR") database object type.

7. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes

universal resource locator ("URL") object type.

8. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
5 environment ("ENV") object type.

9. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
hypertext markup language ("HTML") object type.
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10. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
extensible markup language ("XML") object type.

11. The object type-declaration syntax as claimed in
claim 1, wherein the joint attribute is concatenated to the
object type indicator.
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12. The object type-declaration syntax as claimed in
claim 11, wherein the object identifier is concatenated to
the joint attribute.
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13. The object type-declaration syntax as claimed in
claim 1, wherein the joint attribute is concatenated to the
object identifier.
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14. The object type-declaration syntax as claimed in
claim 13, wherein the object type indicator is concatenated
to the joint attribute.
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15. The object type-declaration syntax as claimed in
claim 1, wherein the object identifier includes dynamically
evaluated expressions.

16. A method of declaring an object type in a programming language, comprising:

embedding an object type indicator with an object identifier name.

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17. A method of declaring an object type in a programming language, comprising:

prepending an object type indicator with an object identifier name.

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18. The method of declaring an object type in a programming language as claimed in claim 16, wherein the step of embedding includes:

joining the object type indicator with the object
15 identifier name with a joint symbol.

ADD A7